

Computational domain: $L_z \approx 12 \text{ m}$

Initial cloud/clean air interface: $\Delta_\theta \approx 0.3 \text{ m}$

Computational grid: $1024^2 \times 2048$

standard temperature lapse rate

$$G_0 \approx 0.0065 \text{ K/m}$$

Top interface

unstable

stable

E_2 - Lower kinetic energy

E_1 - Higher kinetic energy

CUMULUS $z \approx 1000 \text{ m}$
water vapor concentration represented
as a transported passive scalar

